

SEQUENCE LISTING

Jc971 U.S. PTO
10/081935
02/22/02

<110> COX, REBECCA A.
MAGEE, D. MITCHELL
JIANG, CHENGYONG

<120> PEPTIDE AND DNA IMMUNIZATION AGAINST COCCIDIOIDES IMMITIS INFECTIONS

<130> 4003.001800

<140> UNKNOWN

<141> 2002-02-22

<150> 60/271,031

<151> 2001-02-22

<160> 9

<170> PatentIn version 3.1

<210> 1

<211> 52

<212> DNA

<213> Coccidioides Immitis

<400> 1

atgcagttct ctcacgctct catcgctctc gtcgctgccg gcctcgccag tg

52

<210> 2

<211> 18

<212> PRT

<213> Coccidioides Immitis

<400> 2

Met Gln Phe Ser His Ala Leu Ile Ala Leu Val Ala Ala Gly Leu Ala
1 5 10 15

Ser Ala

<210> 3

<211> 585

<212> DNA

<213> Coccidioides Immitis

<400> 3

atgcagttct ctcacgctct catcgctctc gtcgctgccg gcctcgccag tgcccagctc 60

ccagacatcc caccttgccg tctcaactgc ttcgttgagg ctctcggcaa cgatggtgc 120

actcgcttga ccgacttcaa gtgccactgc tccaagcctg agctcccagg acagatcact 180

ccttgcggtg aggaggcctg ccctctcgac gcccgatatct ccgtctccaa catcgctcgtt 240

gaccagtgt ccaaggccgg tgtcccaatt gacatccac cagttgacac caccgccgt 300
 cccgagccat ccgagaccgc tgagcccacc gctgagccaa ccgaggagcc cactgccgag 360
 cctaccgctg agcccaccgc tgagccgact catgagccca ccgaggagcc cactgccgtc 420
 ccaaccggca ctggcggtgg tgtcccact ggcaccggtt ccttcaccgt cactggcaga 480
 ccaactgcct ccaccccagc tgagttccca ggtgctggct ccaacgtccg tgccagcgtt 540
 ggcggcattg ctgctgtct cctcgtctc gctgcctacc tgtaa 585

<210> 4
 <211> 194
 <212> PRT
 <213> Coccidioides Immitis

<400> 4

Met Gln Phe Ser His Ala Leu Ile Ala Leu Val Ala Ala Gly Leu Ala
 1 5 10 15

Ser Ala Gln Leu Pro Asp Ile Pro Pro Cys Ala Leu Asn Cys Phe Val
 20 25 30

Glu Ala Leu Gly Asn Asp Gly Cys Thr Arg Leu Thr Asp Phe Lys Cys
 35 40 45

His Cys Ser Lys Pro Glu Leu Pro Gly Gln Ile Thr Pro Cys Val Glu
 50 55 60

Glu Ala Cys Pro Leu Asp Ala Arg Ile Ser Val Ser Asn Ile Val Val
 65 70 75 80

Asp Gln Cys Ser Lys Ala Gly Val Pro Ile Asp Ile Pro Pro Val Asp
 85 90 95

Thr Thr Ala Ala Pro Glu Pro Ser Glu Thr Ala Glu Pro Thr Ala Glu
 100 105 110

Pro Thr Glu Glu Pro Thr Ala Glu Pro Thr Ala Glu Pro Thr Ala Glu
 115 120 125

Pro Thr His Glu Pro Thr Glu Glu Pro Thr Ala Val Pro Thr Gly Thr
 130 135 140

Gly Gly Gly Val Pro Thr Gly Thr Gly Ser Phe Thr Val Thr Gly Arg
 145 150 155 160

Pro Thr Ala Ser Thr Pro Ala Glu Phe Pro Gly Ala Gly Ser Asn Val
 165 170 175

Arg Ala Ser Val Gly Gly Ile Ala Ala Ala Leu Leu Gly Leu Ala Ala
 180 185 190

Tyr Leu

<210> 5
 <211> 30
 <212> DNA
 <213> Coccidioides immitis

<400> 5
 ttgggatccg tcgacatgca gttctctcac

30

<210> 6
 <211> 31
 <212> DNA
 <213> Coccidioides immitis

<400> 6
 ggaagatctc gagttaggca ctggcgaggc c

31

<210> 7
 <211> 24
 <212> DNA
 <213> Coccidioides immitis

<400> 7
 atgcagttct ctcacgctct catc

24

<210> 8
 <211> 24
 <212> DNA
 <213> Coccidioides immitis

<400> 8
 atgcagctcc cagacatccc acct

24

<210> 9
 <211> 21
 <212> DNA
 <213> Coccidioides immitis

<400> 9
ttacaggtag gcagcgagac c

21